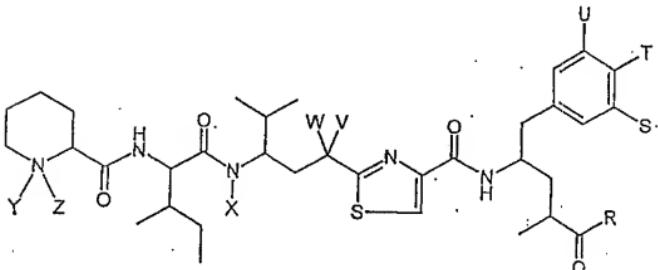


AMENDMENT

Please amend the application without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents as follows.

In the Claims

1. (Previously presented) A compound of formula I (tubulysin):



Formula I

wherein R, R¹, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹, S, T, U, V, W, X, Y and Z have the following meanings:

R = OR¹

R¹ = alkyl or aryl

S = H

U = H

T = H or OR⁴

R⁴ = H, alkyl, aryl, COR⁵, P(O)(OR⁶)₂ or SO₃R⁶

R⁵ = alkyl, alkenyl, or aryl

R⁶ = H, alkyl or a metal ion

V = OR⁷

R⁷ = COR⁸

R⁸ = alkyl, alkenyl or aryl

W = H

X = H, alkyl, alkenyl or CH₂OR⁹

R⁹ = H, alkyl, alkenyl, aryl or COR¹⁰

R¹⁰ = alkyl, alkenyl, or aryl

Y = free electron pair

R¹¹ = alkyl, CF₃ or aryl and/or

Z = CH₃ or COR¹¹.

2. (Previously presented) The compound according to claim 1, wherein R, R¹, R⁴, R⁵, R⁸, R⁹, R¹⁰ and/or R¹¹ = unsubstituted or substituted phenyl,

R⁵ = C₁₋₄alkyl or C₂₋₆alkenyl

R⁵ and/or X = C₂₋₄alkenyl

R⁶ = an alkali metal ion or an alkaline earth metal ion

R⁸ and/or R⁹ = C₂₋₄alkenyl and/or

R¹⁰ = C₂₋₆alkenyl.

3-67. (Cancelled)

68. (Previously presented) The compound according to claim 1, wherein alkyl is branched, unbranched or cyclic C₁₋₂₀alkyl.

69. (Previously presented) The compound according to claim 1, wherein alkenyl is branched, unbranched or cyclic C₂₋₂₀alkenyl.

70. (Previously presented) The compound according to claim 1, wherein aryl is phenyl, naphthyl and biphenylyl.

71. (Cancelled)

72. (Previously presented) The compound according to claim 1, wherein alkyl, alkenyl, and aryl are unsubstituted or substituted.

73. (Previously presented) The compound according to claim 2, wherein R, R¹, R⁴, R⁵, R⁸, R⁹, R¹⁰ and/or R¹¹ = C₁₋₄ alkyl-substituted phenyl.

74. (Previously presented) The compound according to claim 2, wherein R⁶ = an Na ion

75. (Previously presented) The compound according to claim 2, wherein R¹⁰ = C₂-alkenyl.

76. (Previously presented) The compound according to claim 68, wherein the alkyl is cyclic C₁₋₇alkyl or C₁₋₈alkyl.

77. (Previously presented) The compound according to claim 76, wherein the alkyl is cyclic C₁₋₄alkyl.

78. (Previously presented) The compound according to claim 77, wherein the alkyl is selected from the group consisting of methyl, ethyl, propyl, isopropyl, n-butyl, isobutyl, sec-butyl, tert-butyl, and cycloalkyl having from 3 to 8 carbon atoms in the ring.

79. (Previously presented) The compound according to claim 69, wherein the alkenyl is C₂₋₇alkenyl or C₂₋₆alkenyl.

80. (Previously presented) The compound according to claim 79, wherein the alkenyl is C₂₋₄alkenyl.

81. (Previously presented) The compound according to claim 80, wherein the alkenyl is selected from the group consisting of vinyl, allyl propen-1-yl, propen-2-yl, but-1-en-1-yl, but-1-en-2-yl, but-1-en-3-yl, but-1-en-4-yl, but-2-en-1-yl, but-2-en-2-yl, 2methyl-propen-1-yl, 2-methyl-propen-3-yl, and cycloalkenyl having from 3 to 8 carbon atoms in the ring and the number of double bonds in the alkenyl groups being from 1 to 3.

82. (Currently Amended) The compound according to claim 72, wherein the alkyl, alkenyl, and aryl and heteroaryl carry, in any position, from 1 to 3 substituents from the group formed by C₁₋₃alkyl, C₁₋₃alkoxy, hydroxy, amino (NH₂) and nitro (NO₂)